



A.D. 1872, 4th DECEMBER. N° 3667.

Consuming Smoke.

(This Invention received Provisional Protection only.)

PROVISIONAL SPECIFICATION left by William Rae Wilson Smith at the Office of the Commissioners of Patents, with his Petition, on the 4th December 1872.

I, WILLIAM RAE WILSON SMITH, of Glasgow, in the County of
5 Lanark, North Britain, do hereby declare the nature of the said Invention of "IMPROVEMENTS IN BURNING OR CONSUMING SMOKE AND IN APPARATUS EMPLOYED THEREFOR," to be as follows, that is to say :—

This Invention which relates to improvements in burning or consuming smoke and in apparatus employed therefor consists in applying
10 horizontal air tubes to the furnace or fire-box, as the case may be. These tubes are preferably situated above the fire-bars, and on reaching the bridge they are curved upwards and then turned downwards, entering into a closed space below the fire-bars. By means of this arrangement highly heated air is continuously supplied to burn the
15 fuel.

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